



AMERICAN ASSOCIATION OF STATE HIGHWAYS
AND TRANSPORTATION OFFICIALS

COMMITTEE CORRESPONDENCE

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**Sub-Committee on Design
Value Engineering Technical Committee**

Activity Report, April 01, 2004

It is the Value Engineering Technical Committee mission: To establish and maintain policy to assist states in the development of individual Value Engineering (VE) Programs, ensure integrity and uniformity of VE practices, promote VE within all areas of state and federal transportation programs, and plan and deliver a biennial transportation value engineering conference.

As one can see from this report the Value Engineering Technical Committee has remained extremely active during this reporting period.

The VE Technical Committee members began working with NCHRP Project 20-5 to develop a questionnaire for Value Engineering Applications in Transportation to be sent out to the various transportation agencies.

The Technical Committee delivered a national value engineering conference in Tampa, Florida, in July 2003 with great success.

- The conference offered over 40 speakers in 30 workshops. The presentations were divided between three simultaneous tracks.
 - Track 1: Case Studies
 - Track 2: Starting and Maintaining a VE Program
 - Track 3: Advanced Tools & Techniques
- There were 145 attendees from nearly all states and Puerto Rico.
- Project and program awards were presented and several other achievements were recognized.

The VE Technical Committee established the following subgroups:

- a. Subgroup to develop performance measures to update value engineering guidelines.
- b. Subgroup to work on design-build guidelines.
- c. Subgroup to develop guidelines for AASHTO VE project and program awards. The Technical Committee developed new guidelines for the award program to recognize excellence in value engineering for projects and programs.

The committee:

- Maintained and updated an active AASHTO Value Engineering Technical Committee website.
- Developed a “Value Engineering toolbox,” which is now posted on the website.
- Updated the AASHTO VE directory in 2003.
- Reached out and assisted several states to revitalize their value engineering programs.

UPCOMING ACTIVITIES IN 2004

The Technical Committee will be meeting in June in Park City, Utah, to plan for the upcoming national AASHTO VE conference to be held in San Antonio, Texas, in 2005, and to review and discuss the status of the subgroups.

The Technical Committee members continue to work with NCHRP Project 20-5 TOPIC 35-04 Value Engineering Application in Transportation Synthesis Studies, and will be meeting in Massachusetts in June 2004.

The Technical Committee will also participate in the SAVE International Conference to be held in Montreal, Canada, in July 2004.

SUMMARY OF CURRENT AND PROPOSED RESEARCH TOPICS

NCHRP Project 20-5 to develop a questionnaire for Value Engineering Applications in Transportation, to be sent out to the various transportation agencies, will be completed this calendar year.

The Technical Committee is preparing to submit for a research project to NCHRP for Value engineering performance measures

AASHTO Value Engineering Technical Committee Work Plan

Charge statement:

Value Engineering The objective of this task force is to establish and maintain policy to assist states in the development of individual Value Engineering programs, ensure integrity and uniformity of VE practices, promote VE within all areas of state and federal transportation programs, and plan and deliver a biennial transportation value engineering conference.

Work Plan: 2004-2012

- Plan, develop, and deliver a national value engineering conference every other year, to assist states in developing, maintaining, and improving value engineering programs.
 - Deliver a national conference in the odd years.
 - Hold a planning meeting for the national conference in the even years.
 - Conduct the planning meeting at the same location and time as the Subcommittee on Design meeting.
 - Rotate the location of the national conference so the conferences are held throughout the country.
 - Develop training tracks and agenda.
 - Nominate and secure speakers.
 - Set fees to cover expenses.
 - Provide awards at the national conference for Design and Construction Value Engineering and select award winners.
- Update Value Engineering Guidelines at least every 10 years.
 - Complete update of 2001 guidelines by 2011.
 - Work with the task force on design-build to jointly develop best practices for value engineering for design-build by late 2003.
 - Develop guidelines for value engineering performance measures by 2006.
- Maintain an active website providing information about transportation value engineering and the upcoming national value engineering conference.
- Provide ongoing assistance to member states to:
 - Comply with the FHWA mandate
 - Develop value engineering programs
 - Provide value engineering training.
 - Conduct value engineering studies.